

CLAIMS

What is claimed is:

1. A method of insulating ducts comprising:
 laminating a reinforcement fabric to a fibrous insulation board using an adhesive material,
 lifting at least a portion of the reinforcement fabric from the fibrous insulation board,
 applying a first layer of a mastic coating to the fibrous insulation board,
 embedding the reinforcement fabric into the first layer of mastic coating, and
 applying a second layer of the mastic coating to the outside surface of the reinforcement fabric.
2. The method of claim 1, wherein the laminating step is performed during manufacture of the fibrous insulation board.
3. The method of claim 1, wherein the fibrous insulation board is faced with a facing material and the reinforcement fabric is laminated to the facing material.
4. The method of claim 3, further comprising applying the faced fibrous insulation board to an exterior of a duct, wherein the step of applying the faced fibrous insulation board to the exterior of a duct is performed after laminating the reinforcement fabric to the faced fibrous insulation board.
5. The method of claim 3, wherein the reinforcement fabric is an open weave fabric comprised of glass, polyester, or nylon.
6. The method of claim 3, wherein the reinforcement fabric is laminated to the faced fibrous insulation board using a removable adhesive material.

7. The method of claim 3, wherein the adhesive material is pre-coated on the reinforcement fabric or the facing material.
8. The method of claim 3, wherein the adhesive material is applied between the facing material of the faced fibrous insulation board and the reinforcement fabric during the manufacturing process of the faced fibrous insulation board.
9. The method of claim 3, wherein the removable adhesive comprises a water-based adhesive, a hot melt glue, a pressure sensitive adhesive or a heat-activated adhesive.
10. The method of claim 3, wherein the reinforcement fabric is laminated to the faced fibrous insulation using a permanent adhesive material.
11. The method of claim 10, wherein the permanent adhesive material is applied intermittently between the facing material of the faced fibrous insulation board and the reinforcement fabric.
12. An insulation product for installation around ducts comprising:
 - a fibrous insulation board; and
 - a reinforcement fabric laminated to the fibrous insulation board using an adhesive material.
13. The product of claim 12, wherein the product does not contain mastic.
14. An insulation product for installation around ducts comprising:
 - a fibrous insulation board;
 - a facing material applied to the fibrous insulation board; and
 - a reinforcement fabric laminated to the facing material using an adhesive material.
15. The insulation product of claim 14, wherein the reinforcement fabric is an open weave fabric comprised of glass, polyester or nylon.

16. The insulation product of claim 14, wherein the facing material is FSK, PSK or ASJ.
17. The insulation product of claim 14, wherein the adhesive material is a removable adhesive or a permanent adhesive.
18. The insulation product of claim 17, wherein the adhesive material is a water-based adhesive, a hot melt glue, a pressure sensitive adhesive or a heat-activated adhesive.
19. The insulation product of claim 14, wherein the reinforcement fabric is wider than the fibrous insulation board to form a tab capable of overlapping an adjacent fibrous insulation product.
20. The insulation product of claim 14 wherein the adhesive material is applied to the facing material or the reinforcement fabric in the form of strips, dots, or as a substantially continuous coating.
21. The insulation product of claim 14 wherein the adhesive material is applied to the facing material or the reinforcement fabric by spraying, roll coating or extruding.